



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No.: 10/582,392

Confirmation No.: Herewith

Filing Date: June 9, 2006

Inventor(s): Horsky, et al.

Group Art Unit: Unknown

Examiner Name: Unknown

Attorney Docket No.: 211843-00044

Title: Method and Apparatus for Extending Equipment Uptime in Ion Implantation

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

This document is being filed pursuant to the provisions of 37 C.F.R. §§ 1.56, 1.97 and 1.98.

I. TIME OF FILING

This document is being filed in accordance with 37 C.F.R. § 1.97(b) as it is believed to be filed:

- within three months of the filing date of a national application other than a continued prosecution application under § 1.53(d);
- within three months of the date of entry of the national stage as set forth in § 1.491 in an international application;
- before the mailing of a first Office action on the merits; or
- before the mailing of a first Office action after the filing of a request for continued examination under § 1.114.

OR

____ This document is being filed in accordance with 37 C.F.R. § 1.97(c) as it is believed to be filed before the mailing date of any of a final action under § 1.113, a notice of allowance under § 1.311, or an action that otherwise closes prosecution in the application. This Statement is accompanied by one of:

____ the following statements; or

____ Each item of information contained in the information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement.

____ No item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in § 1.56(c) more than three months prior to the filing of the information disclosure statement.

____ The fee set forth in § 1.17(p). Fee Transmittal Form PTO/SB/17 is attached.

OR

____ This document is being filed in accordance with 37 C.F.R. § 1.97(d) as it is believed to be filed on or before the payment of the issue fee and is accompanied by one of the following statements and the fee set forth in § 1.17(p). Fee Transmittal Form PTO/SB/17 is attached.

____ Each item of information contained in the information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement.

____ No item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in § 1.56(c) more than three months prior to the filing of the information disclosure statement.

Applicant(s) respectfully request that the documents listed on the attached Form PTO/SB/08A and/or Form PTO/SB/08B be considered and made of record.

OR

____ It is requested that this Statement and enclosures be placed in the file. It is understood that the cited references will not be considered by the Office.

II. FOREIGN PATENT OFFICE COMMUNICATIONS (if applicable)

One or more of the items of information contained in the information disclosure statement were cited in a communication from a foreign patent office in a counterpart foreign application.

A copy of the search report is attached.

III. COPIES OF CITED REFERENCES

Because this application was filed prior to June 30, 2003, copies of the document(s) listed on the attached Form(s) PTO/SB/08A and/or PTO/SB/08B are attached.

OR

Because this application was filed after June 30, 2003, copies of non-U.S. patent citations as listed on the attached Form(s) PTO/SB/08A and/or PTO/SB/08B are attached.

AND (if applicable)

All cited U.S. pending (non-published) applications listed on Form PTO/SB/08A are stored in the USPTO's IFW system. Copies are therefore not provided.

OR

One or more of the cited U.S. pending (non-published) applications (filed prior to June 30, 2003) as listed on Form PTO/SB/08A has not been stored in the USPTO's IFW system. Copies for the unstored applications are provided herewith.

IV. REMARKS

The above constitutes information that an Examiner may find material to the examination of the subject application; however, it does not negate the patentability of the subject invention. Furthermore, it is not intended that submission of this information be taken as a representation that a search has been made or that no information which is more material exists.

The Commissioner is hereby authorized to charge any fees which may be required or credit any overpayment with respect to this communication to Deposit Account No. 50-1214. A duplicate copy of this communication is enclosed.

Date: 8-17-05

By:


John S. Paniaguas
Attorney or Agent for Applicant(s)
Reg. No. 31,051



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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

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Examiner Name	Herewith
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U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
/B.S.		Number-Kind Code ² (<i>if known</i>)			
		US- 4,254,340	01-08-1979		
		US- 4,409,486	05-29-1981		
		US- 4,512,812	09-22-1983		
		US- 4,529,474	01-30-1984		
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		US- 5,083,061	11-15-1990		
		US- 5,089,747	02-16-1990		
/B.S.					

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		Country Code ³ -Number ⁴ -Kind Code ⁵ (<i>if known</i>)				

Examiner
Signature

/Bernard Souw/

Date
Considered

02/29/2008

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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		US- 5,097,179	01-25-1991		
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		US- 5,832,177	04-21-1995		
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		US- 6,221,169 B1	05-10-1999		
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/Bernard Souw/

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		US- 6,489,622 B1	03-01-2000		
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		US- 6,653,643 B2	12-26-2001		
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INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

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Sheet

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of

Complete if Known

Application Number	10/582,392
Filing Date	June 9, 2006
First Named Inventor	Horsky, et al.
Art Unit	Herewith
Examiner Name	Herewith
Attorney Docket Number	211843-00044

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
/B.S.		US- 6,740,586	11-06-2002		
		US- 6,770,888 B1	06-25-2003		
		US- 6,772,776 B2	09-18-2001		
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Examiner Signature

/Bernard Souw/

Date Considered

02/29/2008

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/B.S./		WO 96/15545	11-13-1995			
		EP 0140975 A1	03-19-1984			
		EP 0474108 A1	08-28-1991			
		EP 0555 546 A1	12-15-1992			
		EP 0648861 A1	10-06-1994			
/B.S./		EP 0697 467 A1	07-10-1995			

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/B.S./		EP 0762469 A1	08-15-1996		
		JP 02-155147			
		JP 06-084837			
		JP 55-145338			
		JP 56-166935			
/B.S./		JP 56-026539			

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